

## M 6.7, 15 km WNW of Tingloy, Philippines

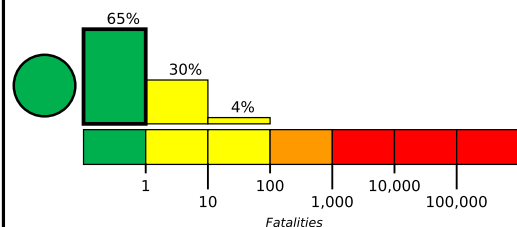
Origin Time: 2021-07-23 20:48:57 UTC (Sat 04:48:57 local)

Location: 13.7038° N 120.7344° E Depth: 110.0 km

FOR TSUNAMI INFORMATION, SEE: [tsunami.gov](https://tsunami.gov)

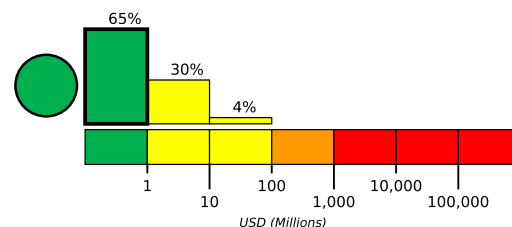
Created: 1 day, 0 hours after earthquake

### Estimated Fatalities



Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

### Estimated Economic Losses

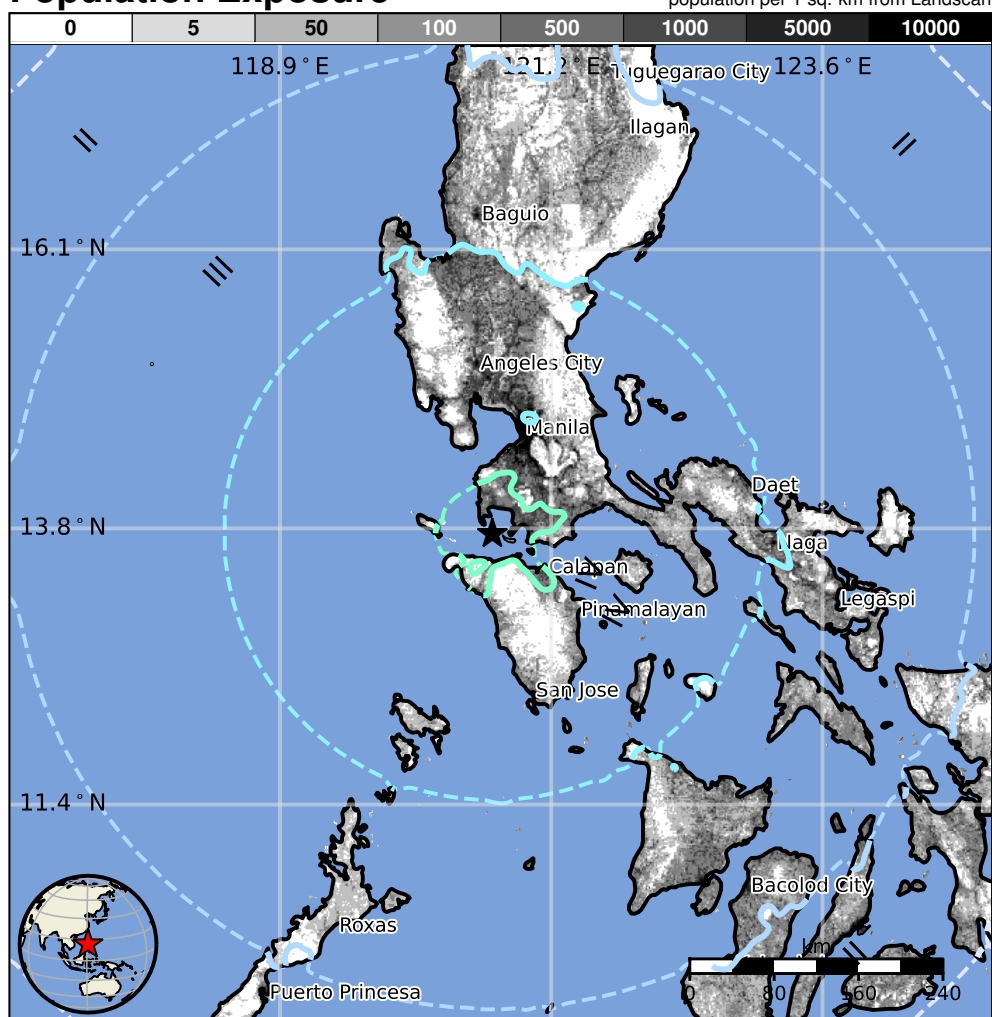


## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	32k*	34,221k	43,315k	3,226k	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

## Population Exposure



## Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are unknown/miscellaneous types and heavy wood frame construction.

## Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1977-03-18	376	7.2	VII(520k)	1
1999-12-11	251	7.2	VIII(17k)	1
1990-07-16	229	7.7	IX(893k)	2k

Recent earthquakes in this area have caused secondary hazards such as landslides and liquefaction that might have contributed to losses.

## Selected City Exposure

from GeoNames.org

MMI	City	Population
V	Balitoc	3k
V	Lucsuhin	4k
V	Gulod	3k
V	Biga	3k
V	Calatagan	16k
V	Wawa	5k
IV	Calamba	317k
IV	<b>Manila</b>	<b>1,600k</b>
III	<b>Baguio</b>	<b>273k</b>
III	Iloilo	388k
II	Cebu City	799k

bold cities appear on map.

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage.

Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us6000eyfk#pager>

Event ID: us6000eyfk